

Overview:

The MuxMeet Videobar (model: 500820) is an all-in-one video conference sound bar specially designed to help enterprises realize the full potential when using small and medium meeting spaces. The three-in-one design of 4K ultra-HD camera, beamforming microphone and full-frequency range loudspeaker reduces wiring clutter and simplifies video and audio communications. Featuring an 8MP camera with 120° wide field of view, 4 microphones with a pickup distance of 6 meters, intelligent DSP technology for Acoustic Echo Cancellation and a powerful 8W speaker designed for users to clearly hear every word spoken. The system allows users to experience smarter and safer video conferencing by making remote participants feel like they are in the room.

The MuxMeet Videobar is easy to deploy, easy to manage and easy to use in small and medium rooms, when you need meetings to start on time and without any hiccups. Having plug-and-play connectivity makes it compatible with applications that support standard USB peripherals without the need to install drivers, eliminating the need for technical assistance during initial setup. The MuxMeet Videobar can be installed in a variety of configurations, including Wall Mount (above or below a screen) or Table Stand.

The MuxMeet Videobar works well with the most popular video conferencing platforms, such as Microsoft Skype, Microsoft Teams, Zoom, BlueJeans, GoToMeeting among others. Thanks to its USB connectivity, the device can be used for audio and video conferences, or as a speaker for your local devices, and thanks to Bluetooth connectivity support, the device can be used for audio calls and music playback in real time from a mobile device.



Applications:

- Video conferencing
- Audio calls
- Training
- Remote Education

Key Features:

- True plug and play all-in-one 4K-UHD Camera, beamforming microphone and full-frequency range loudspeaker
- 120° wide angle view and 5x digital zoom
- Pan / Tilt support ±15°
- Built-in microphone with 6-meter pick-up distance
- High quality noise reduction system with echo cancellation
- Auto Tracking and Auto Framing
- Bluetooth 5.0 connectivity
- Local HDMI output
- May be table-top or wall-mounted
- Supports presets
- Supports extended microphones

Specification

Camera	
Video System	4K@30fps, 1080P@60fps, 1080P@30fps, 720P@60fps, 720P@30fps
Sensor	1/2.5 inch, CMOS, 8.51M pixel
Lens	120°(DFOV), 110°(HFOV), 5x Digital Zoom, Pan/Tilt ±15°
PTZ	MPT + EPTZ
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Digital Output	12-bit
Colour Depth (bits)	8 bit
Video S/N	≥55dB
Backlight Compensation	Support
Loudspeaker	
Full Frequency Speaker	96 dB SPL in the case of 0.5 meter
Number of output channels	Mono
Real RMS power (W)	8W
Real frequency range (Hz)	100Hz-16KHz
Real sensitivity (dB)	82±3 dB
Real SNR (dB)	69dB
Speaker impedance (Ohm)	8Ohm
Microphones	
Microphone Array	Beamforming microphone
Real frequency range (Hz)	100Hz-10KHz
Real sensitivity (dB)	-38dB
Real SNR (dB)	65dB
Real THD (%)	Max 1% @ 1KHz 100dB SPL
Real impedance (Ohm)	400Ohm @ 1KHz
Pickup pattern	Omni directional
Sample Bitrate	512Kbps
Sample frequency	32KHz
Microphone quantity build-in	4
Pickup distance	6 meters

USB	
Connection Type	USB 3.0, downward compatible with USB 2.0
Video Compression	H.264 / MJPEG / YUY2 / NV12
USB Audio	32K sampling rate, support UAC 1.0
USB Communication Protocol	UVC 1.1-1.5
UVC PTZ Control	Supported
Input/Output Interface	
HD Output	1 x HDMI, Version 1.4b
USB Interface	1 x USB 3.0, Type C 1 x USB 2.0, Type A
Power Jack	DC 12V, 2A (Max)
Generic Specification	
Control Method	2.4G Remote Controller
Installation Method	Table-top or wall-mountable
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Unit Dimensions (DxWxH)	4.52" x 23.62" x 5.31" (115mm x 600mm x 135mm) holder included
Unit Weight	5.511 lbs (2.5Kg)
Order Information	500820 MuxMeet Videobar (UPC: 627699008201)

Typical Application

